

Ocean Color Experiment 3	Mass CBE (kg)	% of Total Mass
<b>Scan Drum and Mechanism Assembly</b>	<b>54.9</b>	<b>19.7%</b>
Scan Drum Assembly	40.3	14.4%
Half Angle Mirror Assembly	0.1	0.0%
Scan Drum Mechanism Assembly	2.7	1.0%
Half Angle Mirror Drive System	2.8	1.0%
Image Slicer/Slit Plate Assembly	0.1	0.0%
Calibration Target Assembly	9.0	3.2%
<b>Momentum Compensator Assembly</b>	<b>31.8</b>	<b>11.4%</b>
<b>Cradle Assembly</b>	<b>32.1</b>	<b>11.5%</b>
Cradle Structure	30.0	10.7%
Tilt Mechanism Assembly	2.1	0.7%
<b>Aft Optics/Detector Assembly</b>	<b>54.9</b>	<b>19.7%</b>
C-Channel	1.0	0.4%
1 Km Lens/Detector "Six Pack" Assembly	1.4	0.5%
1 Km Fiber Detector Assembly	2.4	0.9%
250 M Fibers Detector Array Assembly	5.5	2.0%
250 M Visible Channel	3.7	1.3%
1 Km Blue -Red Channel Assembly	5.2	1.8%
Structure	35.9	12.8%
<b>Digitizer Box</b>	<b>11.3</b>	<b>4.0%</b>
<b>Main Electronics Box/ MEB</b>	<b>7.2</b>	<b>2.6%</b>
<b>Mechanism Control Electronics Box/ MCEB</b>	<b>8.2</b>	<b>2.9%</b>
<b>Purge and Venting</b>	<b>2.0</b>	<b>0.7%</b>
<b>Harness (length)</b>	<b>18.5</b>	<b>6.6%</b>
<b>Thermal Assembly</b>	<b>44.7</b>	<b>16.0%</b>
<b>5% misc Hardware</b>	<b>13.6</b>	<b>4.9%</b>
<b>Total (+ 5% hardware and no margin):</b>	<b>279.2</b>	<b>100.0%</b>

\* The Calibration Target Assembly was moved from the Cradle Assembly (OCE2) to Scan Drum and Mechanism Assembly in OCE3

Subsystem	Mass CBE (kg)	% of Total Mass
Contamination	2.0	0.7%
Detector	0.6	0.2%
Electrical	20.6	7.4%
Harness	18.5	6.6%
Mechanical	163.1	58.4%
Mechanism	8.07	2.9%
Optical	10.6	3.8%
Thermal	42.1	15.1%
5% misc Hardware	13.6	4.9%
<b>Total (+ 5% hardware and no margin):</b>	<b>279.1</b>	<b>100.0%</b>